

Outside Plant

MassLink 1728™ RIBBON STRANDED LOOSE TUBE CABLE for Aerial and Duct Applications

Features and Benefits

Highest Fiber Count Available

- > Maximizes duct utilization in critical installations like bridge crossings
- > Ideal for connecting very large fiber distribution hubs
- > Lightweight and easier to handle than multiple, smaller cables

Easily Removable Ribbon Matrix

- > Both 12 and 24-fiber ribbons are easy to mass-strip
- > Individual fibers can be broken out quickly and cleanly

Precision Ribbon Geometry

- > Time and labor savings during fiber splicing
- > Ribbons are easily split from 24-fiber units into separate 12-fiber units

Available with ECCS (steel) Armor

- > Rodent-Resistant
- > Facilitates tone location and increases resistance to mechanical stresses

Dry Water-Blocking Technology

- > Permits rapid cable preparation and termination
- > Water-Blocking materials are easily removed

Multiple Buffer Tubes Stranded in Reverse Oscillated Lay

- > Cable is uniformly flexible in all directions
- > Simplifies access, handling and management of fibers and ribbons
- > Termination management is easier with fewer ribbons in each tube

Copper Tracer Wires Available

- > Permits tone location of unarmored designs

Performance

- > RDUP (RUS) listed (tested in accordance with PE-90, 7CFR 1755.900)

Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
Installation	4500	1000
Residual	800	180

Crush Resistance

	N/cm	lbf/in
Short Term/Long Term	220/110	125/63

Temperature Ratings

	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Performance Specifications

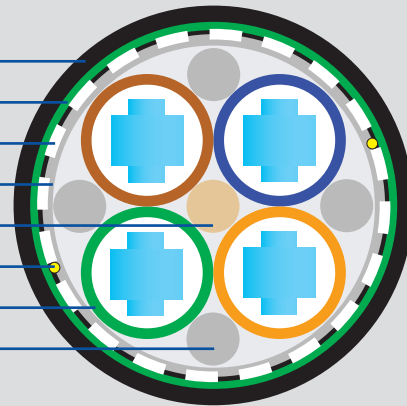


NOMINAL DESIGN PARAMETERS

Jacket Design	All-Dielectric	Single Armor /Single-Jacket
Fiber Count	1296-1728	1296-1728
Fibers/Tube	432	432
Tube Positions	4	4
Buffer Tube OD	(mm)	12.1
	(inches)	0.476
Cable OD	(mm)	31.5
	(inches)	1.24
Cable Weight	(kg/km)	749
	(lb/kft)	503

CABLE CONSTRUCTION

- Outer Jacket
- Steel Armor (where applicable)
- Outer Strength Members
- Water Blocking Tape
- Central Strength Member
- Ripcord
- Gel-Filled Buffer Tube Containing Fiber Ribbons
- Filler Rod



ORDERING INFORMATION

Select a part number according to the fiber count you want:

Fiber Count **1** **2**

1296-1728 SXRAFESJC Single-Jacket (All-Dielectric)
 1296-1728 SXRAFEAJC Single-Armor/Single-Jacket

*Note: These designs contain both 12 and 24 fiber ribbons.

Then, use the following options to complete the part number:

1 Fiber Type

H = G.652.D Single-Mode Low Water Peak
 Z = Corning™ SMF-28e+ Fiber

2 Attenuation

B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm
 C = 0.40/0.40/0.30 dB/km @ 1310/1383/1550 nm

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Example:

If you need a 1728 count armored MassLink™ cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 1728HCSXRAFESJC.

To place an order, contact us in one of the following ways:

700 Industrial Drive, Lexington SC 29072 - (800) 669-0808 (Inside Sales) - Fax (800) 951-5040 - comm.cables@prysmian.com